

**Form PTO-1449 Modified**

List of Patent and Publications  
Cited by Applicant  
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U.S. Department of Commerce  
Patent and Trademark Office

Docket No.  
**CRNT-0034**

Serial No.  
**10/016,998**

Applicant  
**Paul A. Kline**

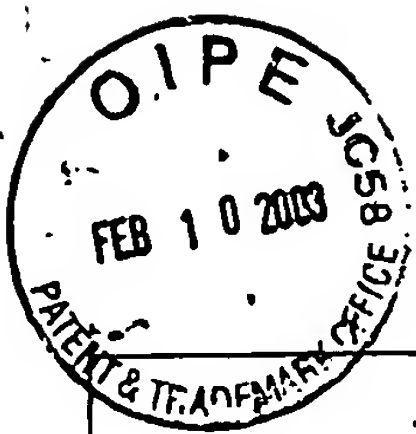
Filing Date  
**December 14, 2001**

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**2874**

**U. S. PATENT DOCUMENTS**

Examiner Initial		Document No.	Date	Name	Class	Subclass
<i>Def</i>	1	2,298,435	10/13/42	Tunick	250	15
	2	3,445,814	05/20/69	Spalti	340	151
	3	3,605,009	09/14/71	Enge	323	93
	4	3,656,112	04/11/72	Paull	340	151
	5	3,702,460	11/07/72	Blose	340	150
	6	3,810,096	05/07/74	Kabat et al.	340	147 R
	7	3,895,370	07/15/75	Valentini	340	310
	8	3,911,415	10/07/75	Whyte	340	310
	9	3,942,168	03/02/76	Whyte	340	310.01
	10	3,942,170	03/02/76	Whyte	340	310
	11	3,962,547	06/08/76	Pattantyus-Abraham	179	2.5 R
	12	3,964,048	06/15/76	Lusk et al.	340	310 R
	13	3,967,264	06/29/76	Whyte et al.	340	310.08
	14	3,973,240	08/03/76	Fong	340	151
	15	4,004,110	01/18/77	Whyte	179	170 J
	16	4,012,733	03/15/77	Whyte	340	310
	17	4,016,429	04/05/77	Vercellotti et al.	307	149
<i>↓</i>	18	4,057,793	11/08/77	Johnson et al.	340	310 R

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**U. S. PATENT DOCUMENTS**

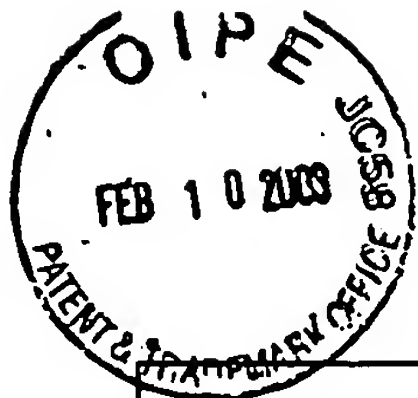
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dep	19	4,060,735	11/29/77	Pascucci et al.	307	3
	20	4,070,572	01/24/78	Summerhayes	250	199
	21	4,119,948	10/10/78	Ward et al.	340	870.02
	22	4,142,178	02/27/79	Whyte et al.	340	310
	23	4,188,619	02/12/80	Perkins	340	310 R
	24	4,239,940	12/16/80	Dorfman	179	2.51
	25	4,254,402	03/03/81	Perkins	340	310 R
	26	4,268,818	05/19/81	Davis et al.	340	870.38
	27	4,323,882	04/06/82	Gajjer	340	310 R
	28	4,357,598	11/02/82	Melvin, Jr.	340	310 A
	29	4,408,186	10/04/83	Howell	340	310 A
	30	4,433,284	02/21/84	Perkins	323	361
	31	4,442,492	04/10/84	Karlsson et al.	364	464
	32	4,457,014	06/26/84	Bloy	381	98
	33	4,468,792	08/28/84	Baker et al.	375	45
	34	4,473,816	09/25/84	Perkins	340	310
	35	4,473,817	09/25/84	Perkins	340	310
	36	4,481,501	11/06/84	Perkins	340	310
✓	37	4,495,386	01/22/85	Brown et al.	455	402

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Examiner Initial		Document No.	Date	Name	Class	Subclass
Dep	38	4,569,045	02/04/86	Schieble et al.	370	85
	39	4,642,607	02/10/87	Strom et al.	340	310
	40	4,644,321	02/17/87	Kennon	340	310 A
	41	4,675,648	06/23/87	Roth et al.	340	310.07
	42	4,683,450	07/28/87	Max et al.	333	202
	43	4,686,382	08/11/87	Shuey	307	149
	44	4,686,641	08/11/87	Evans	364	580
	45	4,697,166	09/29/87	Warnagiris et al.	340	310 R
	46	4,745,391	05/17/88	Gajjar	340	310 A
	47	4,746,897	05/24/88	Shuey	340	310 R
	48	4,749,992	06/07/88	Fitzmeyer et al.	340	870.02
	49	B1 4,749,992	06/11/96	Fitzmeyer et al.	340	870.02
	50	4,766,414	08/23/88	Shuey	340	310 A
	51	4,785,195	11/15/88	Rochelle et al.	307	18
	52	4,800,363	01/24/89	Braun et al.	340	310 A
	53	4,835,517	05/30/89	van der Gracht et al.	340	310 A
	54	4,903,006	02/02/90	Boomgaard	340	310 A
	55	4,973,940	11/27/90	Sakai et al.	340	310 R
✓	56	4,979,183	12/18/90	Cowart	375	142

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Examiner Initial		Document No.	Date	Name	Class	Subclass
DCP	57	5,006,846	04/09/91	Granville et al.	340	870.28
	58	5,148,144	09/15/92	Sutterlin et al.	340	310 A
	59	5,185,591	02/09/93	Shuey	340	310 A
	60	5,191,467	03/02/93	Kapany et al.	359	341
	61	5,210,519	05/11/93	Moore	340	310
	62	5,257,006	10/26/93	Graham et al.	340	310A
	63	5,301,208	04/05/94	Rhodes	375	36
	64	5,319,634	06/07/94	Bartholomew et al.	370	18
	65	5,351,272	09/27/94	Abraham	375	38
	66	5,359,625	10/25/94	Vander Mey et al.	375	1
	67	5,369,356	11/29/94	Kinney et al.	324	142
	68	5,375,141	10/20/94	Takahashi	375	1
	69	5,406,249	04/11/95	Pettus	340	310.06
	70	5,432,841	07/11/95	Rimer	455	457
	71	5,448,229	09/05/95	Lee, Jr.	340	870.02
	72	5,461,629	10/24/95	Sutterlin et al.	371	30
	73	5,497,142	03/05/96	Chaffanjon	340	310.06
	74	5,498,956	03/12/96	Kinney et al.	324	142
✓	75	5,559,377	09/24/96	Abraham	307	104

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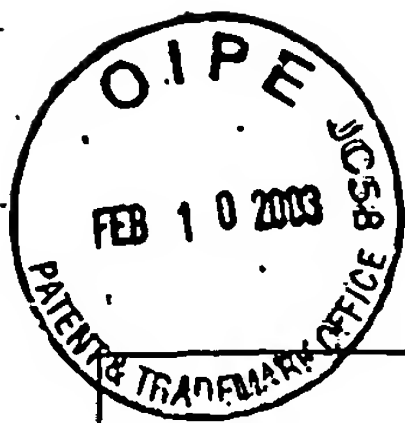
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Dep	76	5,579,221	11/26/96	Mun	364	188
	77	5,579,335	11/26/96	Sutterlin et al.	375	200
	78	5,592,482	01/07/97	Abraham	348	8
	79	5,616,969	04/01/97	Morava	307	91
	80	5,625,863	04/29/97	Abraham	455	3.3
	81	5,630,204	05/13/97	Hylton et al.	455	3.3
	82	5,640,416	06/17/97	Chalmers	375	147
	83	5,664,002	09/02/97	Skinner, Sr.	379	56.2
	84	5,684,450	11/04/97	Brown	340	310.02
	85	5,691,691	11/25/97	Merwin et al.	340	310.02
	86	5,694,108	12/02/97	Shuey	340	310.01
	87	5,705,974	01/06/98	Patel et al.	340	310.08
	88	5,712,614	01/27/98	Patel et al.	340	310.03
	89	5,717,685	02/10/98	Abraham	370	30
	90	5,726,980	03/10/98	Rickard	370	293
	91	5,748,671	05/05/98	Sutterlin et al.	375	206
	92	5,770,996	06/23/98	Severson et al.	340	310.08
	93	5,774,526	06/30/98	Propp et al.	379	90.1
✓	94	5,777,544	07/07/98	Vander Mey et al.	340	310.06

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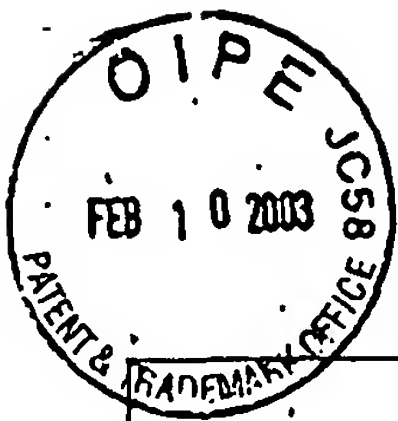
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Dep	95	5,777,545	07/07/98	Patel et al.	341	310.06
	96	5,777,769	07/07/98	Coutinho	359	173
	97	5,778,116	07/07/98	Tomich	385	16
	98	5,796,607	08/18/98	Le Van Suu	364	140.01
	99	5,802,102	09/01/98	Davidovici	375	152
	100	5,805,053	09/08/98	Patel et al.	340	310.01
	101	5,818,127	10/06/98	Abraham	307	106
	102	5,828,293	10/27/98	Rickard	340	310.04
	103	5,835,005	11/10/98	Furukawa et al.	340	310.01
	104	5,847,447	12/08/98	Rozin et al.	257	678
	105	5,856,776	01/05/99	Armstrong et al.	340	310.01
	106	5,864,284	01/26/99	Sanderson et al.	340	310.01
	107	5,880,677	03/09/99	Lestician	340	825.06
	108	5,881,098	03/09/99	Tzou	375	152
	109	5,892,430	04/06/99	Wiesman et al.	340	310.01
	110	5,929,750	07/27/99	Brown	340	310.02
	111	5,933,071	08/03/99	Brown	340	310.01
	112	5,933,073	08/03/99	Shuey	340	310.07
✓	113	5,937,003	08/10/99	Sutterlin et al.	375	208

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Examiner Initial		Document No.	Date	Name	Class	Subclass
dep	114	5,937,342	08/10/99	Kline	455	402
	115	5,949,327	09/07/99	Brown	340	310.01
	116	5,963,585	10/05/99	Omura et al.	375	207
	117	5,977,650	11/02/99	Rickard et al.	307	3
	118	5,978,371	11/02/99	Mason, Jr. et al.	370	389
	119	6,014,386	01/11/00	Abraham	370	485
	120	6,023,106	02/08/00	Abraham	307	3
	121	6,037,678	03/14/00	Rickard	307	89
	122	6,040,759	03/21/00	Sanderson	340	310.01
	123	6,091,932	07/18/00	Langlais	455	5.1
	124	6,104,707	08/15/00	Abraham	370	295
	125	6,144,292	11/07/00	Brown	340	310.02
	126	6,151,330	11/21/00	Liberman	370	449
	127	6,172,597 B1	01/09/01	Brown	340	310.02
	128	6,177,849 B1	01/23/01	Barsellotti et al.	333	177
	129	6,212,658 B1	04/03/01	Le Van Suu	714	749
	130	6,226,166 B1	05/01/01	Gumley et al.	361	118
	131	6,282,405 B1	08/28/01	Brown	725	79
✓	132	6,297,729 B1	10/02/01	Abali et al.	340	310.01

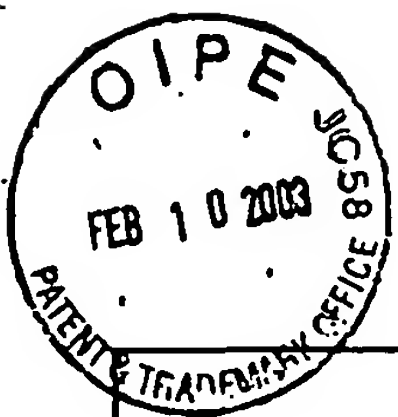
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dep	133	6,297,730 B1	10/02/01	Dickinson	340	310.01
	134	6,317,031 B1	11/13/01	Rickard	340	310.03
	135	6,331,814 B1	12/18/01	Albano et al.	340	310.01
	136	6,373,376 B1	04/16/02	Adams et al.	340	310.01
	137	6,396,392 B1	05/28/02	Abraham	340	310.01
	138	6,404,773 B1	06/11/02	Williams et al.	370	463
	139	6,407,987 B1	06/18/02	Abraham	370	295
	140	6,414,578 B1	07/02/02	Jitaru	336	170
	141	6,425,852 B1	07/30/02	Epstein et al.	600	13
	142	6,441,723 B1	08/27/02	Mansfield, Jr. et al.	340	310.01
	143	6,452,482 B1	09/17/02	Cern	340	310.01
	144	6,486,747 B1	11/26/02	DeCramer et al.	333	25
	145	6,496,104 B2	12/17/02	Kline	340	310.01
	146	6,504,357 B1	01/07/03	Hemminger et al.	324	142
	147	2001/0038329 A1	11/08/01	Diamanti et al.	340	310.01
	148	2001/0038343 A1	11/08/01	Meyer et al.	340	870.02
	149	2001/0052843 A1	12/20/01	Wiesman et al.	340	310.01
	150	2001/0054953 A1	12/27/01	Kline	340	310.01
✓	151	2002/0014884 A1	02/07/02	Chung	324	74

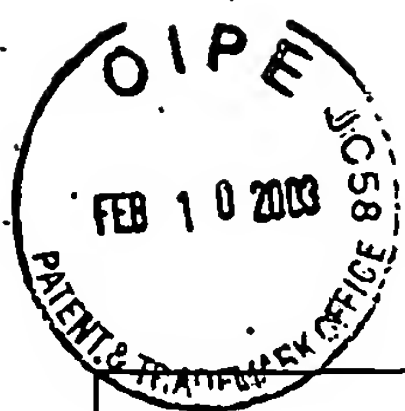
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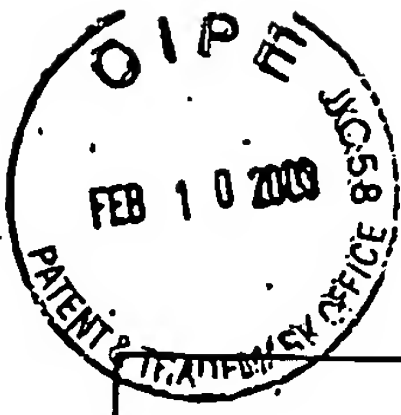
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dep	152	2002/0027496 A1	03/07/02	Cern et al.	340	310.01
	153	2002/0041228 A1	04/11/02	Zhang	340	310.01
	154	2002/0060624 A1	05/23/02	Zhang	340	310.01
	155	2002/0071452 A1	06/13/02	Abraham	370	480
	156	2002/0080010 A1	06/27/02	Zhang	340	310.06
	157	2002/0105413 A1	08/08/02	Cern et al.	340	310.01
	158	S.N. 09/765,910	01/19/01	Kline		
	159	S.N. 09/805,638	03/14/01	Kline		
	160	S.N. 09/835,532	04/16/01	Kline		
	161	S.N. 09/837,972	04/19/01	Kline et al.		
	162	S.N. 09/912,633	07/25/01	Kline		
	163	S.N. 09/915,459	07/26/01	Kline		
	164	S.N. 09/924,730	08/08/01	Kline		
	165	S.N. 10/036,914	12/21/01	Mollenkopf et al.		
	166	S.N. 10/075,708	02/14/02	Kline		
	167	S.N. 10/075,332	02/14/02	Kline		
	168	S.N. 10/150,694	05/16/02	Gidge		
	169	S.N. 10/165,992	06/10/02	Kline		
✓	170	S.N. 10/176,500	06/21/02	Pridmore, Jr. et al.		

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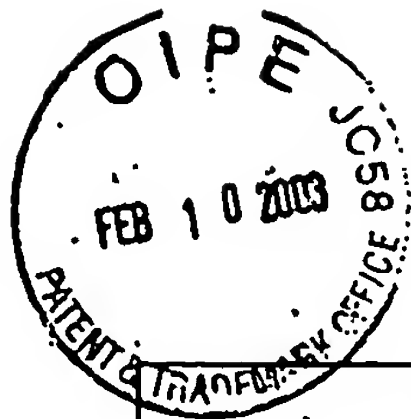
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dep	171	S.N. 10/293,799	11/13/02	Huebner		
	172	S.N. 10/292,745	11/12/02	Cope et al.		
	173	S.N. 10/292,714	11/12/02	Cope		
	174	S.N. 10/315,725	12/10/02	Cope et al.		
	175	S.N. 10/319,317	12/13/02	Mollenkopf et al.		

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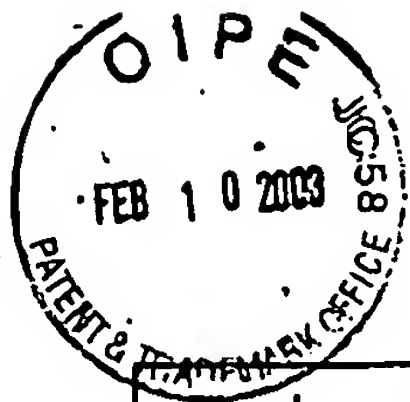
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	177	0 470 185 B1	11/29/95	EP		
	178	0 581 351 A1	02/02/94	EP		
	179	0 948 143 A2	10/06/99	EP	X abstract	
	180	0 959 569 A1	11/24/99	EP	X abstract	
	181	0 913 955 A2	05/06/99	EP	X abstract	
	182	0 916 194 B1	09/26/01	EP		
	183	1 011 235 A2	06/21/00	EP		
	184	1 011 235 A3	05/02/02	EP		
	185	1 014 640 A2	06/28/00	EP		
	186	1 014 640 A3	07/03/02	EP		
	187	1 021 866 B1	10/23/02	EP		
	188	2 122 920 A1	12/16/98	ES	X abstract	
	189	2 293 950 A	04/10/96	GB		
	190	2 315 937 A	02/11/98	GB		
	191	2 331 683 A	05/26/99	GB		
	192	2 335 335 A	09/15/99	GB		
	193	2 341 776 A	03/22/00	GB		
	194	2 342 264 A	04/05/00	GB		
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TECHNOLOGY CENTER 2800**FOREIGN PATENT DOCUMENTS**

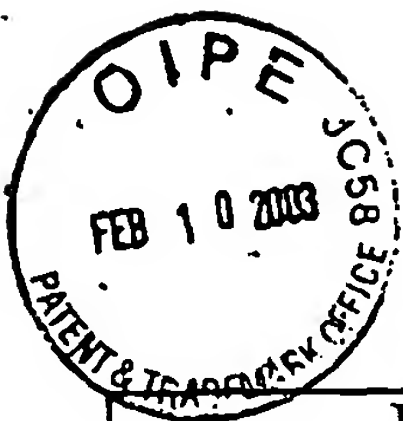
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dep	196	1276933	11/07/89	JP		
	197	95/29536 A1	11/02/95	WO		
	198	98/01905 A1	01/15/98	WO		
	199	98/33258 A2	07/30/98	WO		
	200	98/33258 A3	07/30/98	WO		
	201	98/40980 A1	09/17/98	WO		
	202	00/59076 A1	10/05/00	WO		
	203	00/60701 A1	10/12/00	WO		
	204	01/08321 A1	02/01/01	WO	X abstract	
	205	01/43305 A1	06/14/01	WO	X abstract	
	206	01/82497 A1	11/01/01	WO		
	207	02/054605 A1	07/11/02	WO		

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DATE CONSIDERED

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<b>Form PTO-1449 Modified</b>		Docket No. <b>CRNT-0034</b>	Serial No. <b>10/016,998</b>
List of Patent and Publications Cited by Applicant (Use several sheets if necessary)  U.S. Department of Commerce Patent and Trademark Office		Applicant <b>Paul A. Kline</b>	
		Filing Date <b>December 14, 2001</b>	Group <b>2874</b>
<b>OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)</b>			
dep	208	Patent Abstracts of Japan, Japanese Publication No. 10200544 A2, published July 31, 1998, (Matsushita Electric Works, LTD)	
	209	Tohoku Electric Power, Co., Inc., "Tohoku Electric Develops High-Speed Communications System Using Power Distribution Lines," <i>Tohoku Currents</i> , Spring 1998, 8(1), 2 pages ( <a href="http://www.tohoku-epco.co.jp/profil/kurozu/c_vol8_1/art04.htm">http://www.tohoku-epco.co.jp/profil/kurozu/c_vol8_1/art04.htm</a> )	
	210	Power Line Communications Conference entitled, "PLC, A New Competitor in Broadband Internet Access," December 11-12, 2001, Washington, D.C., 60 pages	
	211	Rivkin, S. R., "Co-Evolution of Electric & Telecommunications Networks," <i>The Electricity Journal</i> , May 1998, 71-76	
	212	Marketing Assessment Presentation entitled "Powerline Telecommunications," prepared by The Shpigler Group for CITI PLT, July 16, 2002, 9 pages	
	213	Campbell, C., presentation entitled "Building a Business Case for PLC: Lessons Learned From the Communication Industry Trenches," KPMG Consulting, July 16, 2002, 5 pages	
	214	"Embedded Power Line Carrier Modem," Archnet Electronic Technology, <a href="http://www.archnetco.com/english/product/ATL90.htm">http://www.archnetco.com/english/product/ATL90.htm</a> , 2001, 3 pages	
	215	"Archnet: Automatic Meter Reading System Power Line Carrier Communication", <a href="http://www.archnetco.com/english/product/product_sl.htm">www.archnetco.com/english/product/product_sl.htm</a> , 3 pages	
	216	"Power Line Communications Solutions", <a href="http://www.echelon.com/products/oem/transceivers/powerline/default.htm">www.echelon.com/products/oem/transceivers/powerline/default.htm</a> , 2 pages	
	217	"Texas Instruments: System Block Diagrams; Power Line Communication (Generic)", <a href="http://focus.ti.com/docs/apps/catalog/resources/blockdiagram.jhtml?bdId=638">http://focus.ti.com/docs/apps/catalog/resources/blockdiagram.jhtml?bdId=638</a> , 1 page	
↓	218	Feduschak, N.A., "Waiting in the Wings: Is Powerline Technology Ready to Compete with Cable?", March 2001, <a href="http://www.cabletoday.com/ic2/archives/0301/0301powerline.htm">www.cabletoday.com/ic2/archives/0301/0301powerline.htm</a> , 5 pages	

EXAMINER dep	DATE CONSIDERED 4/14/05
-----------------	----------------------------



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## Form PTO-1449 Modified

Docket No.  
CRNT-0034Serial No.  
10/016,998List of Patent and Publications  
Cited by Applicant  
(Use several sheets if necessary)Applicant  
Paul A. KlineU.S. Department of Commerce  
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December 14, 2001Group  
2874RECEIVED  
FEB 11 2003  
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## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

Dyo	219	"Signalling on Low-Voltage Electrical Installations in the Frequency Band 3kHz to 148.5kHz-Part 4: Filters at the Interface of the Indoor and Outdoor Electricity Network", <i>CLC SC 105A (Secretariat)</i> May 1992, 62, 1-11
	220	"Intellon Corporation Test Summary for Transformerless Coupler Study", <i>Intellon No News Wires</i> , December 24, 1998, DOT/NHTSA Order No. DTNH22-98-P-07632, pp 1-18
	221	EMETCON <i>Automated Distribution System</i> , ABB Power T & D Company, Inc., January 1990, Raleigh, North Carolina, No B-919A, 14 pages
	222	"Dedicated Passive Backbone for Power Line Communications", <i>IBM Technical Disclosure Bulletin</i> , July 1997, 40(7), 183-185
	223	Coaxial Feeder Cables [Engineering Notes]", <i>PYE Telecommunications Limited Publication Ref No. TSP507/1</i> , June 1975, Cambridge, England, 15 pages
	224	"Centralized Commercial Building Applications with the Lonworks ® PLT-21 Power Line Transceiver", <i>Lonworks Engineering Bulletin</i> , Echelon, April 1997, pp 1-22
	225	"Plexeon Logistics, Inc., :Power Line Communications", <a href="http://www.plexeon.com/power.html">www.plexeon.com/power.html</a> , 2 pages
	226	"EMETCON Automated Distribution System: Communications Guide", <i>Westinghouse ABB Power T &amp; D Company Technical Manual 42-6001A</i> , September 1989, 55 pages
	227	Abraham, K.C. et al., "A Novel High-Speed PLC Communication Modem", <i>IEEE Transactions on Power Delivery</i> , 1992, 7(4), 1760-1768
	228	J.M. Barstow., "A Carrier Telephone System for Rural Service", <i>AIEE Transactions</i> , 1947, 66, 301-307
	229	Chang, S.S.L., "Power-Line Carrier", <i>Fundamentals Handbook of Electrical and Computer Engineering</i> , Volume II-Communication, Control, Devices and Systems, John Wiley & Sons, 617-627
✓	230	Chen, Y-F. et al. "Baseband Transceiver Design of a 128-Kbps Power-Line Modem for Household Applications", <i>IEEE Transactions on Power Delivery</i> , 2002, 17(2), 338-344

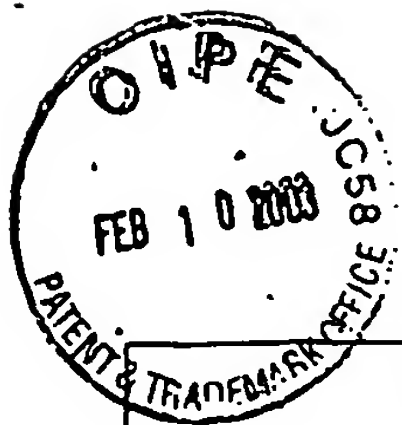
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DATE CONSIDERED

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**Form PTO-1449 Modified**Docket No.  
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Patent and Trademark OfficeFiling Date  
**December 14, 2001**Group  
**2874****OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)**

Dep	231	Coakley, N.G. et al., "Real-Time Control of a Servosystem Using the Inverter Fed Power Lines to Communicate Sensor Feedback", <i>IEEE Transactions on Industrial Electronics</i> , 1999, 46(2), 360-369
	232	Esmailian, T. et al., "A Discrete Multitone Power Line Communication System", <i>Department of Electrical and Computer Engineering</i> , University of Toronto, Ontario Canada, 2000 IEEE, pp 2953-2956
	233	Kawamura, A. et al., "Autonomous Decentralized Manufacturing System Using High-speed Network with Inductive Transmission of Data and Power", <i>IEEE</i> , 1996, 940-945
	234	Kilbourne, B. "EEI Electric Perspectives: The Final Connection", <a href="http://www.eei.org/ep/editorial/Jul-01/0701conenct.htm">www.eei.org/ep/editorial/Jul-01/0701conenct.htm</a> , 7 pages
	235	Kim, W-O., et al., "A Control Network Architecture Based on ELA-709.1 Protocol for Power Line Data Communications", <i>IEEE Transactions on Consumer Electronics</i> , 2002, 48(3), 650-655
	236	Lim, C.K. et al., "Development of a Test Bed for High-Speed Power Line Communications", School of Electrical and Electronic Engineering, Nanyang Technological University, Singapore, <i>IEEE</i> , 2000, 451-456
	237	Lokken, G. et al., "The Proposed Wisconsin electric Power Company Load Management System Using Power Line Carrier Over Distribution Lines", 1976 <i>National Telecommunications Conference, IEEE</i> , 1976, 2.2-12.2-3
	238	Marthe, E. et al., "Indoor Radiated Emission Associated with Power Line Communication Systems", <i>Swiss Federal Institute of Technology Power Systems Laboratory IEEE</i> , 2001, 517-520
	239	Naredo, J.L. et al., "Design of Power Line Carrier Systems on Multitransposed Delta Transmission Lines", <i>IEEE Transactions on Power Delivery</i> , 1991, 6(3), 952-958
	240	Nichols, K., "Build a Pair of Line-Carrier Modems", <i>CRC Electronics-Radio Electronics</i> , 1988, 87-91
	241	Okazaki, H, et al., "A Transmitting, and Receiving Method for CDMA Communications Over Indoor Electrical Power Lines", <i>IEEE</i> , 1998, pp VI-522-VI-528

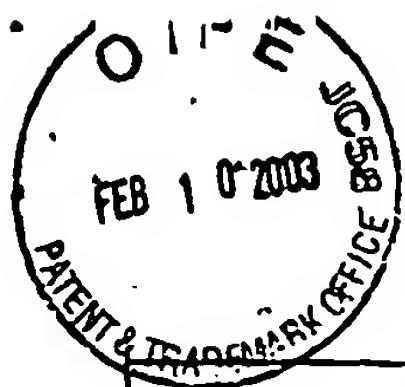
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DATE CONSIDERED

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<b>OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)</b>			
<i>Dep</i>	242	B. Don Russell, "Communication Alternatives for Distribution Metering and Load Management", <i>IEEE Transactions on Power Apparatus and Systems</i> , 1980, Vol PAS-99(4), pp 1448-1455	
	243	Sado, WN. et al., "Personal Communication on Residential Power Lines- Assessment of Channel Parameters", <i>IEEE</i> , 532-537	
	244	International Search Report dated May 2, 2001, from PCT/US01/01810	
	245	International Search Report dated July 16, 2001, from PCT/US01/12699	
	246	International Search Report dated October 22, 2001, from PCT/US01/12291	
	247	International Search Report dated June 5, 2002, from PCT/US01/48064	
	248	Written Opinion dated May 15, 2002, from PCT/US01/12699	
	249	International Search Report dated June 24, 2002, from PCT/US02/04310	
<i>✓</i>	250	International Search Report dated August 7, 2002, from PCT/US02/04300	

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**Form PTO-1449 Modified**Docket No.  
CRNT-0034Serial No.  
10/016,998List of Patent and Publications  
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(Use several sheets if necessary)Applicant  
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Patent and Trademark OfficeFiling Date  
December 14, 2001Group  
2874**U. S. PATENT DOCUMENTS**

Examiner Initial		Document No.	Date	Name	Class	Subclass
Dep	251	5,982,276	11/09/99	Stewart	340	318.01
	252	6,157,292	12/05/00	Piercy et al.	340	310.01
	253	2002/0010870 A1	01/24/02	Gardner	713	300
	254	2002/0095662 A1	07/18/02	Ashlock et al.	717	136
✓	255	2002/0098867 A1	07/25/02	Meiksin et al.	455	560

**FOREIGN PATENT DOCUMENTS**

Examiner Initial		Document No.	Date	Country	Translation	
					YES	NO

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